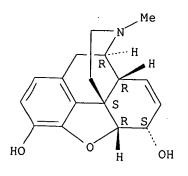
```
=> S gabapentin/CN
L1
             1 GABAPENTIN/CN
=> D L1 1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
L1
RN
     60142-96-3 REGISTRY
     Entered STN: 16 Nov 1984
ED
CN
     Cyclohexaneacetic acid, 1-(aminomethyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN
     1-(Aminomethyl)cyclohexaneacetic acid
CN
     CI 945
CN
     Gabapentin
CN
     Go 3450
     GOE 2450
CN
     GOE 3450
CN
CN
     Neurontin
FS
     3D CONCORD
MF
     C9 H17 N O2
CI
     COM
LC
     STN Files:
                  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
       CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB,
       IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA,
       MEDLINE, MRCK*, MSDS-OHS, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH,
       SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
                      EINECS**, WHO
     Other Sources:
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

CH2-NH2

СH2-СО2Н

1210 REFERENCES IN FILE CA (1907 TO DATE)
44 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1222 REFERENCES IN FILE CAPLUS (1907 TO DATE)

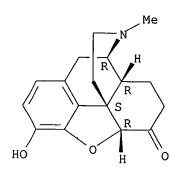
```
=> S morphine/CN
              1 MORPHINE/CN
 L1
 => d L1 1
L1
      ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
      57-27-2 REGISTRY
RN
      Entered STN: 16 Nov 1984
ED
CN
      Morphinan-3,6-diol, 7,8-didehydro-4,5-epoxy-17-methyl-
      (5\alpha, 6\alpha) - (9CI)
                      (CA INDEX NAME)
OTHER CA INDEX NAMES:
     Morphinan-3, 6\alpha-diol, 7, 8-didehydro-4, 5\alpha-epoxy-17-methyl- (8CI)
CN
OTHER NAMES:
CN
      (-)-Morphine
CN
      DepoDur
CN
     Dulcontin
CN
     Duromorph
CN
     1-Morphine
CN
     M-Eslon
CN
     Meconium
CN
     Morphia
CN
     Morphin
CN
     Morphina
CN
     Morphine
CN
     Morphinism
CN
     Morphinum
CN
     Morphium
CN
     MS Contin
CN
     Nepenthe
     Ospalivina
CN
FS
     STEREOSEARCH
DR
     863713-90-0, 8053-16-5, 85201-37-2, 47106-99-0
MF
     C17 H19 N O3
CI
     COM
LC
     STN Files:
                  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT,
       CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
       DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
       IFIPAT, IFIUDB, IMSCOSEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
       NIOSHTIC, PHAR, PIRA, PROMT, PS, RTECS*, SCISEARCH, SPECINFO, TOXCENTER,
       USAN, USPAT2, USPATFULL, VETU
         (*File contains numerically searchable property data)
     Other Sources:
                       EINECS**
         (**Enter CHEMLIST File for up-to-date regulatory information)
Absolute stereochemistry. Rotation (-).
```



26080 REFERENCES IN FILE CA (1907 TO DATE)

```
=> S hydromorphone/CN
L2
             1 HYDROMORPHONE/CN
=> D L2 1
L2
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN
     466-99-9 REGISTRY
ED
     Entered STN: 16 Nov 1984
CN
     Morphinan-6-one, 4,5-epoxy-3-hydroxy-17-methyl-, (5\alpha)- (9CI)
     INDEX NAME)
OTHER CA INDEX NAMES:
     Morphinan-6-one, 4,5\alpha-epoxy-3-hydroxy-17-methyl- (8CI)
CN
     Morphinone, dihydro- (5CI)
OTHER NAMES:
CN
     (-)-Hydromorphone
CN
     Dihydromorphinone
CN
     Dihydromorphone
CN
     DiMo
     Dimorphone
CN
CN
     Hydromorphon
CN
     Hydromorphone
CN
     Novolaudon
CN
     NSC 19046
FS
     STEREOSEARCH
DR
     18145-12-5, 41376-02-7
MF
     C17 H19 N O3
CI
     COM
LC
     STN Files:
                  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
       CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE,
       HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
       NIOSHTIC, PHAR, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2,
       USPATFULL
         (*File contains numerically searchable property data)
     Other Sources: EINECS**, WHO
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

Absolute stereochemistry.



=>

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

942 REFERENCES IN FILE CA (1907 TO DATE)

30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

949 REFERENCES IN FILE CAPLUS (1907 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> S baclofen/CN
L3
             1 BACLOFEN/CN
=> D L3 1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
L3
RN
     1134-47-0 REGISTRY
ED
     Entered STN: 16 Nov 1984
CN
     Benzenepropanoic acid, \beta-(aminomethyl)-4-chloro- (9CI) (CA INDEX
     NAME)
OTHER CA INDEX NAMES:
     Hydrocinnamic acid, \beta-(aminomethyl)-p-chloro- (7CI, 8CI)
OTHER NAMES:
     (±)-Baclofen
CN
     \beta-(4-Chlorophenyl)-\gamma-aminobutyric acid
CN
CN
     β-(Aminomethyl)-p-chlorohydrocinnamic acid
CN
     \beta-(p-Chlorophenyl)-\gamma-aminobutyric acid
CN
     β-p-Chlorophenyl-GABA
CN
     4-Amino-3-(4-chlorophenyl)butyric acid
CN
     4-Amino-3-(p-chlorophenyl)butyric acid
CN
     Ba 34647
CN
     Baclofen
CN
     Baclon
CN
     C 34647Ba
CN
     CIBA Ba 34647
CN-
     DL-4-Amino-3-p-chlorophenylbutanoic acid
CN
     DL-Baclofen
CN
     dl-Baclofen
CN
     Lioresal
FS
     3D CONCORD
DR
     62594-36-9
MF
     C10 H12 C1 N O2
CI
LC
     STN Files:
                  ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
       BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
       CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT,
       IFIUDB, IMSCOSEARCH, IMSPATENTS, IPA, MEDLINE, MRCK*, MSDS-OHS,
       NIOSHTIC, PHAR, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN,
      USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:
                      EINECS**, WHO
         (**Enter CHEMLIST File for up-to-date regulatory information)
```

2015 REFERENCES IN FILE CA (1907 TO DATE)
47 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2019 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> S midazolam/CN
L1
              1 MIDAZOLAM/CN
=> D L1 1
L1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
     59467-70-8 REGISTRY
RN
     Entered STN: 16 Nov 1984
ED
     4H-Imidazo[1,5-a][1,4]benzodiazepine, 8-chloro-6-(2-fluorophenyl)-1-methyl-
CN
              (CA INDEX NAME)
OTHER NAMES:
CN
     Dormicum
CN
     Midazolam
CN
     Midosed
CN
     Rohipnol
FS
     3D CONCORD
MF
     C18 H13 C1 F N3
CI
     COM
LC
     STN Files:
                   ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
       BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
       CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*,
       IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH,
       SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
          (*File contains numerically searchable property data)
     Other Sources:
                        EINECS**, WHO
          (**Enter CHEMLIST File for up-to-date regulatory information)
```

2471 REFERENCES IN FILE CA (1907 TO DATE)
18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2482 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> S valproate sodium/CN
 L2
               1 VALPROATE SODIUM/CN
 => D L2 1
      ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 L2
 RN
      1069-66-5 REGISTRY
      Entered STN: 16 Nov 1984
 ED
 CN
      Pentanoic acid, 2-propyl-, sodium salt (9CI)
                                                     (CA INDEX NAME)
 OTHER CA INDEX NAMES:
      Valeric acid, 2-propyl-, sodium salt (7CI, 8CI)
 OTHER NAMES:
 CN
      Acediprol
      Convulex
 CN
 CN
      Depacon
 CN
      Depakene
 CN
      Depakene syrup 8
 CN
      Depakin
 CN
      Depakine chronosphere
 CN
      Dipropylacetate sodium
 CN
      Epilim
 CN
      KW 6066N
 CN
      Orfiril
 CN
      Sodium \alpha, \alpha-dipropylacetate
 CN
      Sodium 2-propylpentanoate
      Sodium 2-propylvalerate
 CN
 CN
      Sodium bispropylacetate
 CN
      Sodium dipropylacetate
 CN
      Sodium valproate
 CN
      Valerin
 CN
      Valproate sodium
 MF
      C8 H16 O2 . Na
 CI
 LC
      STN Files:
                   ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
        BIOTECHNO, CA, CAOLD, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
        DDFU, DIOGENES, DRUGU, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB,
        IMSCOSEARCH, IMSDRUGNEWS, IMSRESEARCH, IPA, MEDLINE, MRCK*, NIOSHTIC,
        PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH, TOXCENTER, USAN,
        USPAT2, USPATFULL, VETU
           (*File contains numerically searchable property data)
      Other Sources:
                       EINECS**
           (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN
      (99-66-1)
    n-Pr
· n-Pr-CH-CO2H
     Na
```

909 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
912 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> S valproic acid/cn
L3
             1 VALPROIC ACID/CN
=> D L3 1
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
L3
RN
     99-66-1 REGISTRY
     Entered STN: 16 Nov 1984
ED
     Pentanoic acid, 2-propyl- (9CI) (CA INDEX NAME)
CN
OTHER CA INDEX NAMES:
CN
     Valeric acid, 2-propyl- (6CI, 7CI, 8CI)
OTHER NAMES:
CN
     2-Propylpentanoic acid
     2-Propylvaleric acid
CN
     4-Heptanecarboxylic acid
CN
     44089
CN
CN
     Acetic acid, dipropyl-
CN
     Depakine
CN
     Dipropylacetic acid
CN
     DPA
CN
     Ergenyl
CN
    Mylproin
CN
    n-Dipropylacetic acid
CN
    NSC 93819
CN
     Valproic acid
FS
     3D CONCORD
MF
     C8 H16 O2
     COM
CI
LC
     STN Files:
                  ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
       BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
       CHEMCATS, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
       DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH,
       IPA, MEDLINE, MRCK*, NIOSHTIC, PHAR, PROMT, PROUSDDR, PS, RTECS*,
       SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:
                      EINECS**, WHO
         (**Enter CHEMLIST File for up-to-date regulatory information)
   n-Pr
n-Pr-CH-CO2H
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
            4064 REFERENCES IN FILE CA (1907 TO DATE)
             148 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            4075 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
|          | 1822 | (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE 2450" or "GOE-2450" or \$Neurontin\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | SO.                 | NO      | 2005/11/17 09:29 |
|          | 296  | (morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or I-Morphine or M-Eslon or Meconium or Morphia or Morphin or Morphina or Morphine or Morphine or Morphine or Morphinum or "MS Contin" or Nepenthe or Ospalivina) AND (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-aminomethyl)-cyclohexaneacetic acid" or "1-aminomethyl)-cyclohexa | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | NO      | 2005/11/17 09:36 |

| ៗ | . 280 | 280 (hydromorphone or \$morphone or                | US-PGPUB; | S<br>S | NO | 2005/11/17 09:37 |
|---|-------|--|-----------|--------|----|------------------|
|   |       | dihydromorphinone or \$morphinone\$ or             | USPAT;    |        |    |                  |
|   |       | \$morphinan\$ or Hydromorphone or                  | EPO; JPO; |        |    |                  |
| _ |       | Dihydromorphinone or Dihydromorphone or DiMo or    | DERWENT   |        |    |                  |
|   |       | Dimorphone or Dilaudid or Hydromorphon or          |           |        |    |                  |
|   |       | Hydromorphone or Novolaudon or "NSC 19046" or      |           |        |    | -                |
|   |       | "NSC-19046" or "NSC19046") AND (gabapentin or      |           |        |    |                  |
|   |       | "1-(aminomethyl)-cyclohexaneacetic acid" or        |           |        |    |                  |
|   |       | "1-(aminomethyl)cyclohexaneacetic acid" or         |           |        |    |                  |
|   |       | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" |           |        |    |                  |
|   |       | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |           |        |    |                  |
|   |       | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    | •         |        |    |                  |
|   |       | or \$Neurontin\$)                                  |           |        |    |                  |

| L4             | 298 | (baclofen or  | US-PGPUB;          | OR. | NO | 2005/11/17 10:17 |
|----------------|-----|---|--------------------|-----|----|------------------|
|                |     | *(aminomethyl)-4-chloro-benzenepropanoic acid       | USPAT;             |     | ,  |                  |
|                |     | or "\$(aminomethyl)-4-chlorobenzenepropanoic acid"  | EPO; JPO;          |     |    |                  |
|                |     | or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or | DERWENT            |     |    |                  |
|                |     | "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or    |                    |     |    |                  |
|                |     | "\$(4-chlorophenyl)-\$-aminobutyric acid" or        |                    |     |    |                  |
|                |     | "\$(aminomethyl)-p-chlorohydrocinnamic acid" or     |                    |     |    |                  |
|                |     | "\$(p-chlorophenyl)-\$-aminobutyric acid" or        |                    |     |    |                  |
|                |     | "\$p-chlorophenyl-GABA" or                          |                    |     |    |                  |
|                |     | "4-Amino-3-(4-chlorophenyl)butyric acid" or         |                    |     |    |                  |
|                |     | "4-Amino-3-(p-chlorophenyl)butyric acid" or "Ba     |                    | -   |    |                  |
|                |     | 34647" or "Ba-34647" or "Ba34647" or Baclon or "C   |                    |     |    |                  |
|                |     | 34647Ba" or "C 34647Ba" or "C 34647Ba" or "CIBA     | ,= <sub>73</sub> , |     |    |                  |
| - <del> </del> |     | Ba 34647" or "CIBA-Ba-34647" or "CIBABa34647" or    |                    |     |    |                  |
|                |     | "DL-4-Amino-3-p-chlorophenylbutanoic acid" or       |                    |     |    |                  |
|                | ·   | "DL-Baclofen" or "DL Baclofen" or DLBaclofen or     |                    |     |    |                  |
| •              |     | "D1-Baclofen" or "D1 Baclofen" or D1Baclofen or     |                    |     |    |                  |
|                |     | Lioresal or Kemstro) AND (gabapentin or             |                    |     |    |                  |
|                |     | "1-(aminomethyl)-cyclohexaneacetic acid" or         |                    |     |    |                  |
|                |     | "1-(aminomethyl)cyclohexaneacetic acid" or          |                    | -   |    |                  |
|                |     | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945"  |                    |     | •  |                  |
|                |     | or "CI-945" or "GO 3450" or "GO-3450" or "GOE       | 7-7-1              | _   | -  |                  |
|                |     | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"     |                    |     |    |                  |
|                |     | or \$Neurontin\$)                                   | **                 |     |    |                  |

| ۱.5           | 2.        | ///mornhine or ¢mornhine or ¢mornhine or           | I IS-DCDI IB. | ٥      | NO  | 2005/11/17 00:42 |
|---------------|-----------|--|---------------|--------|-----|------------------|
| }             | 10        | Depopurer Discontin or Duromorph or I-Morphine     | UST GF OE,    | 5      | 5   | 24.60 /1/11/coo2 |
|               |           | or M-Eslon or Meconium or Morphia or Morphin or    | EPO; JPO;     |        |     |                  |
|               |           | Morphina or Morphine or Morphinism or Morphinum    | DERWENT       |        |     |                  |
|               |           | or Morphium or "MS Contin" or Nepenthe or          |               |        |     |                  |
|               |           | Ospalivina).TI. OR (morphine or \$morphine or      |               |        |     |                  |
|               |           | \$morphinan\$ or DepoDur or Dulcontin or           |               |        |     |                  |
|               |           |  |               |        |     |                  |
|               |           | or Morphia or Morphin or Morphina or Morphine or   |               |        |     |                  |
|               |           | Morphinism or Morphinum or Morphium or "MS         |               |        |     |                  |
|               |           | Contin" or Nepenthe or Ospalivina).AB. OR          |               |        |     |                  |
|               |           | (morphine or \$morphine or \$morphinan\$ or        |               |        |     |                  |
|               |           | DepoDur or Dulcontin or Duromorph or I-Morphine    |               |        |     |                  |
|               |           | or M-Eslon or Meconium or Morphia or Morphin or    |               |        |     |                  |
|               |           | Morphina or Morphine or Morphinism or Morphinum    |               |        |     |                  |
| -             |           | or Morphium or "MS Contin" or Nepenthe or          |               |        |     |                  |
|               |           | Ospalivina).CLM.) AND ((gabapentin or              |               |        |     |                  |
|               |           | "1-(aminomethyl)-cyclohexaneacetic acid" or        |               | - 1-1  |     |                  |
|               |           | "1-(aminomethyl)cyclohexaneacetic acid" or         |               |        |     |                  |
|               |           | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" |               |        |     |                  |
|               |           | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |               |        |     |                  |
|               |           | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    |               |        |     |                  |
|               |           | or \$Neurontin\$).TI. OR (gabapentin or            |               | 4***** |     |                  |
|               |           | "1-(aminomethyl)-cyclohexaneacetic acid" or        |               |        | -   |                  |
|               |           | "1-(aminomethyl)cyclohexaneacetic acid" or         | - 12-         |        |     |                  |
|               |           | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" |               |        | . 1 |                  |
|               |           | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |               |        |     |                  |
|               |           | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    |               |        |     |                  |
|               |           | or \$Neurontin\$).AB. OR (gabapentin or            |               |        |     |                  |
|               |           | "1-(aminomethyl)-cyclohexaneacetic acid" or        |               |        |     |                  |
|               |           | "1-(aminomethyl)cyclohexaneacetic acid" or         |               |        |     |                  |
| - 1           |           | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" | -             |        |     |                  |
|               |           | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |               |        |     |                  |
| _             |           | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    |               |        |     |                  |
| Coarch Highon | 11/17/200 | Court History 11/17/2006 Of SNEWFOREIGE) CLM.))    |               |        |     |                  |
|               | VA2114144 | STUGHT FAGE T                                      |               |        |     |                  |

C:\Documents and Settings\dstitzel\My Documents\EAST\Workspaces\10808129\_Hildebrand\_Intrathecal Gabapentin.wsp

| ON 2005/11/17 10:00   |   |   |  |
|---|---|---|--|
| 0   |   |   |  |
| S<br>S  |   |   |  |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   |   |   | zal Gabapentin.wsp   |
| (((hydromorphone or \$morphone or dihydromorphinone or \$morphinone\$ or \$morphinone\$ or \$morphinone\$ or \$morphinone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Novolaudon or "NSC 19046" or "NSC-19046").TI. OR (hydromorphone or \$morphinone or dihydromorphinone or \$morphinone\$ or dihydromorphinone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Novolaudon or "NSC 19046" or "NSC-19046" or "NSC-19046").AB. OR | (hydromorphone or \$morphone or dihydromorphinone or \$morphinone\$ or \$morphinone\$ or \$morphinone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dilaudid or Hydromorphon or Hydromorphone or Novolaudon or "NSC 19046" or "NSC-19046" or "NSC-19046" or "NSC-19046".) CLM.) AND | ((gabapenun of 1-(animomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE 2450" or "GOE-2450" or \$Neurontin\$).TI. OR (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "CI-945" or "GO 3450" or "GOE 3450" or "GOE 3450" or "GOE-2450" or "GOE-2450" or \$450" or "GOE-2450" or \$800 or \$100 or |
|   |   |   | tory 11/17/<br>ints and Setti  |
| 97  |   |   | earch Hist   |

.

| 2005/11/17 10:01  | 2005/11/17 09:37  |
|---|---|
| NO N  | NO  |
| NO Company of the com    | Se Contraction of the Contractio    |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   |
| ((\$Baclofen or Lioresal or Kemstro).TI. OR (\$Baclofen or Lioresal or Kemstro).AB. OR (\$Baclofen or Lioresal or Kemstro).CLM.) AND ((gabapentin or "I-(aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl-cyclohexaneacetic acid" or "CI-945" or "GO 3450" or "GO-3450" or "GOE 2450" or "GOE 3450" or "GOE-2450" or "GOE-3450" or "GOE-2450" or "GOE-3450" or "GOE-2450" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl-cyclohexaneacetic acid" or "CI-945" or "GOE-3450" or "GOE 2450" or "GOE-2450" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl)-cyclohexaneacetic acid" or "I-aminomethyl-cyclohexaneacetic acid" or "I-aminomethyl-cyclohe | (morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or I-Morphine or M-Eslon or Meconium or Morphia or Morphin or Morphina or Morphine or M |
| 7   | R8  |

| ON 2005/11/17 09:37   | ON 2005/11/17 10:16  |
|---|--|
| 8   | A<br>S   |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  |
| (morphine or \$morphine or \$morphinan\$ or DepoDur or Dulcontin or Duromorph or I-Morphine or M-Eslon or Meconium or Morphin or Morphine or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)-cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE-2450" or "GOE-2450" or "GOE-2450" or "GOE-2450" or \$Neurontin\$) | (hydromorphone or \$morphone or dihydromorphinone or \$morphinone\$ or \$morphinone\$ or \$morphinone or Dihydromorphone or Dihydromorphone or Dihydromorphone or Dihydromorphon or Dimorphone or Dilaudid or Hydromorphon or Novolaudon or "NSC 19046" or "NSC-19046" or "NSC19046") SAME (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-aminomethyl)-cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI-945" or "GO 3450" or "GOE 2450" or "GOE-2450" or "SNeurontin\$) |
| 180   | 06   |
| ១   | 710  |

| [1] | 54 | (hydromorphone or \$morphone or                    | US-PGPUB; OR | OR | NO | 2005/11/17 09:38 |
|-----|----|--|--------------|----|----|------------------|
|     | _  | dihydromorphinone or \$morphinone\$ or             | USPAT;       |    |    |                  |
|     |    | \$morphinan\$ or Hydromorphone or                  | EPO; JPO;    |    |    |                  |
|     |    | Dihydromorphinone or Dihydromorphone or DiMo or    | DERWENT      |    |    |                  |
|     |    | Dimorphone or Dilaudid or Hydromorphon or          |              |    |    |                  |
|     |    | Hydromorphone or Novolaudon or "NSC 19046" or      |              |    |    |                  |
|     |    | "NSC-19046" or "NSC19046") WITH (gabapentin or     |              |    |    |                  |
|     |    | "1-(aminomethyl)-cyclohexaneacetic acid" or        |              |    |    |                  |
|     |    | "1-(aminomethyl)cyclohexaneacetic acid" or         |              |    |    |                  |
|     |    | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" |              |    |    |                  |
|     |    | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |              |    |    |                  |
|     |    | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    |              |    |    |                  |
|     |    | or \$Neurontin\$)                                  |              |    |    |                  |

| L12 | 178     | (baclofen or  | US-PGPUB; | S. | NO         | 2005/11/17 10:18 |
|-----|---------|---|-----------|----|------------|------------------|
|     |         | "\$(aminomethyl)-4-chloro-benzenepropanoic acid"    | USPAT;    |    |            | •                |
|     |         | or "\$(aminomethyl)-4-chlorobenzenepropanoic acid"  | EPO; JPO; |    |            |                  |
|     |         | or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or | DERWENT   |    |            |                  |
|     |         | "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or    |           |    |            |                  |
|     |         | "\$(4-chlorophenyl)-\$-aminobutyric acid" or        |           |    |            |                  |
|     |         | "\$(aminomethyl)-p-chlorohydrocinnamic acid" or     |           |    |            | -                |
|     |         | "\$(p-chlorophenyl)-\$-aminobutyric acid" or        |           |    |            |                  |
|     |         | "\$p-chlorophenyl-GABA" or                          | -         |    |            |                  |
|     |         | "4-Amino-3-(4-chlorophenyl)butyric acid" or         |           |    |            |                  |
|     |         | "4-Amino-3-(p-chlorophenyl)butyric acid" or "Ba     |           |    |            |                  |
|     |         | 34647" or "Ba-34647" or "Ba34647" or Baclon or "C   |           | -  |            |                  |
|     |         | 34647Ba" or "C 34647Ba" or "C 34647Ba" or "CIBA     | -         |    |            |                  |
|     |         | Ba 34647" or "CIBA-Ba-34647" or "CIBABa34647" or    |           |    |            |                  |
|     |         | "DL-4-Amino-3-p-chlorophenylbutanoic acid" or       |           |    | , <u>-</u> |                  |
|     |         | "DL-Baclofen" or "DL Baclofen" or DLBaclofen or     |           |    | -          |                  |
|     |         | "D1-Baclofen" or "D1 Baclofen" or D1Baclofen or     |           |    |            |                  |
| •   |         | Lioresal or Kemstro) SAME (gabapentin or            |           |    |            |                  |
|     |         | "1-(aminomethyl)-cyclohexaneacetic acid" or         |           |    |            |                  |
|     |         | "1-(aminomethyl)cyclohexaneacetic acid" or          |           |    |            |                  |
|     | -1 - 71 | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945"  | W         |    |            |                  |
|     |         | or "CI-945" or "GO 3450" or "GO-3450" or "GOE       |           |    |            |                  |
|     |         | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"     |           |    |            |                  |
|     |         | or \$Neurontin\$)                                   |           |    |            |                  |

| 13  | 140 | (baclofen or "\$(aminomethyl)-4-chloro-benzenepropanoic acid" or "\$(aminomethyl)-4-chloro-benzenepropanoic acid" or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or "\$(aminomethyl)-p-chloro-hydrocinnamic acid" or "\$(4-chlorophenyl)-\$-aminobutyric acid" or "\$(p-chlorophenyl)-\$-aminobutyric acid" or "\$p-chlorophenyl)-\$-aminobutyric acid" or "\$p-chlorophenyl)-b-chlorophenyl)butyric acid" or "-4-Amino-3-(p-chlorophenyl)butyric acid" or "-4-Amino-3-(p-chlorophenyl)butyric acid" or "C 34647" or "C 34647Ba" or "C 34647Ba" or "C 34647" or "DL-Baclofen" or "DL Baclofen" or DL Baclofen or "DL-Baclofen" or "DL Baclofen" or DL Baclofen or "D1-Baclofen" or "D1 Baclofen" or D1 Baclofen or Lioresal or Kemstro) WITH (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI-945" or "GO 3450" or "GOE 2450" or "GOE-2450" or \$Neurontin\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | NO     | 2005/11/17 09:38 |
|-----|-----|--|---|----|--------|------------------|
| L14 | 710 | L2 OR L3 OR L4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | N<br>O | 2005/11/17 10:17 |
| L15 | 382 | L8 OR L10 OR L12   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | NO     | 2005/11/17 10:18 |

| L16 | 282 | L9 OR L11 OR L13  | US-PGPUB;<br>USPAT;<br>EPO; JPO; | OR | NO | 2005/11/17 12:31 |
|-----|-----|---|----------------------------------|----|----|------------------|
| 117 | 270 | Alcoods estate to the other transfer of the other of the | DEKWEN!                          | G  | Ž  | CC.C+ L+/+/100C  |
| ì   | 0/6 | or intracistern\$ or intra-cistern\$ or intracistem\$ or  | USPAT;                           | ž  | 5  | 2005/11/11/233   |
|     |     | intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or  | EPO; JPO;                        |    |    |                  |
|     | _   | intracerebro\$ or intra-cerebro\$ or  | DERWENT                          |    |    |                  |
|     |     | intracerebraventricular\$ or intra-cerebraventricular\$   |                                  |    |    |                  |
|     |     | or intracerebroventricular\$ or   |                                  |    |    |                  |
|     |     | intra-cerebroventricular\$ or intraparenchymal\$ or   |                                  |    |    |                  |
|     |     | (inject\$ or inject or injected or injection or   |                                  |    |    |                  |
|     |     | injectable or \$fusion or deliver\$ or administ\$ or  |                                  |    |    |                  |
|     |     | punctur\$) with (vertebrae or \$spine or \$spinal or  |                                  |    |    |                  |
|     |     | "spinal cord" or "spinal column" or "vertebral  |                                  |    |    |                  |
|     |     | column" or backbone or rachis or lumbar or "spinal  |                                  |    |    |                  |
|     |     | fluid" or cerebraspinal or "cerebraspinal fluid" or   |                                  |    |    |                  |
| _   |     | cerebrospinal or "cerebrospinal fluid" or arachnoid   |                                  |    |    |                  |
|     |     | or subarachnoid or sub-arachnoid or brain or "dura  | •                                |    |    |                  |
|     |     | mater" or "dura matter" or dura or "subdura\$" or   |                                  |    |    | •                |
|     |     | "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia   |                                  |    |    |                  |
|     |     | mater" or "pia matter" or meninge\$ or cistern\$ or   |                                  |    |    |                  |
|     |     | "central nervous system")))   |                                  |    |    |                  |

| 119 | 177 | 177 L17 AND (((isotonic or isotonia) SAME ("spinal fluid" | US-PGPUB; | R | NO | 2005/11/17 12:34 |
|-----|-----|---|-----------|---|----|------------------|
|     |     | or "cerebraspinal fluid" or "cerebrospinal fluid" or      | USPAT;    |   |    | •                |
|     |     | "artificial spinal fluid" or "artificial cerebraspinal    | EPO; JPO; |   | _  |                  |
|     |     | fluid" or "artificial cerebrospinal fluid")) OR ((fluid\$ | DERWENT   |   |    |                  |
|     |     | or liquid or aqueous or solution or suspension or         |           |   | _  |                  |
|     |     | dispersion or water or saline or solvent or carrier or    |           |   |    |                  |
|     |     | vehicle or excipient or adjuvant or diluent or            |           |   |    |                  |
|     |     | dilutant) SAME (vertebrae or \$spine or \$spinal or       |           |   |    |                  |
|     |     | "spinal cord" or "spinal column" or "vertebral            |           |   |    |                  |
|     |     | column" or backbone or rachis or lumbar or                |           |   |    |                  |
|     |     | cerebraspinal or cerebrospinal or arachnoid or            |           |   |    |                  |
|     |     | subarachnoid or sub-arachnoid or brain or "dura           |           |   |    |                  |
|     |     | mater" or "dura matter" or dura or "subdura\$" or         |           |   |    |                  |
|     |     | "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia   |           | - |    |                  |
|     |     | mater" or "pia matter" or meninge\$ or cistern\$ or       |           |   |    |                  |
|     |     | "central nervous system")))                               |           |   |    |                  |

| OK 2005/11/1/12:35  |  |   |  |
|---|--|---|--|
|   |  |   | citi   |
| US-PGPUB<br>USPAT;<br>EPO; JPO;<br>DERWENT  |  |   | Set of Section 1   |
| osmolytic or osmoregulat\$ or osmoadust\$ or osmoredust\$ or osmoregulat\$ or osmoadust\$ or osmoconform\$ or "mOsm\$" or tonicity or tonicifier or electrolyte or electrolytic or hypertonic or isotonic or hypotonic or electrolyte or electrolytic or saline or "salt solution" or "saline solution" or "potassium chloride solution" or "crystalloid solution" or ((osmolarity or osmotic or osmolyte or osmoregulat\$ or osmotyte or osmoconform\$ or electrolyte or | electrolytic or hypertonic or isotonic or hypotonic) with (ion or ionic or cation or anion or salt or water or aqueous or solution or fluid or fluidic or saline or "physiological saline" or "salt solution" or "saline solution" or "sodium chloride" or "potassium chloride" or "crystalloid solution" or "UW-Flush" or "Ringer\$ Lactate" "Lactated Ringer\$ Solution" or "Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs Ringer" or "Krebs Solution" or "Krebs | "contact solution" or "contact lens solution" or chloride or citrate or ascorbate or borate or phosphate or bicarbonate or sulfate or thiosulfate or bisulfate)) or carbohydrate or sugar or monosaccharide or fructose or glucose or mannose disaccharide or lactose or maltose or sucrose or polysaccharide or scellulose or "microcrystalline cellulose" or "micro-crystalline cellulose" or chitin or | \$dextrose or glycogen or gum or starch or oligosaccharide or sugar or sweeten\$ or dextrose or fructose or glucose or mannose or lactose or maltose or glucose or mannose or lactose or maltose or sucrose OR "sugar substitute" or "natural sugar substitute" or brazzein or curculin or erythritol or glycyrrhizin or glycerol or glycerine or or glycyrrhizin or glycerol or glycerine or lactoses of mabinin or maltitol or mannitol or |
|   |  |   | ory 11/17/200<br>ory 11/17/200   |
|   |  |   | Search Hist  |

| 2005/11/17 12:37   |                               |
|--|-------------------------------|
| NO N   |                               |
| ర  |                               |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  |                               |
| 168 L20 AND (buffer or buffering or "buffering agent" or "pH buffer" or carbonate or "sodium carbonate" or bicarbonate or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or diphosphate or triphosphate or acetate or \$4phosphoglycerate or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ agent" or "alkalisis agent" or "alkalinis\$ agent" or "alkalisis agent" or "alkalinis\$ agent" or "alkalis\$ agent" or "alkalinis\$ agent" or "acidifi\$ agent" or "basif\$ agent" or "acidifi\$ agent" or "bh buffer" or osmolarity or osmotic or osmoregulat\$ or osmoadust\$ or osmoconform\$) with (alkaline or alkali or alkalic or alkalinity or "sodium hydroxide" or "sodium phosphate" or phosphate or "sodium lactate or "sodium acetate" or acetate or "sodium lactate" or lactate or trishydroxymethylaminomethane)) or ((buffer or buffering or "buffering agent" or "phh buffer" or osmolarity or osmotic or osmoregulat\$ or osmoadust\$ or osmoconform\$) with (acid or acidic or acidified or acidifos or acidifor or lactic or acidifos or acidifor or lactic or lact | phosphoric or hydrochloric))) |
| 5  |                               |

| ON 2005/11/17 12:38  | N 2005/11/17 12:39  |
|--|---|
| 0  | S <sub>O</sub>  |
| R  | 8<br>S  |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   |
| L21 AND ((autoclav\$ or auto-clav\$ or "auto clav\$") OR (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or anti-septicis\$ or anti-septicis\$ or aseptic\$ or aseptic\$ or aseptic\$ or aseptic\$ or aseptic\$ or aseptic\$ or anti-sepsis or anti-sepsis or anti-sepsis or anti-sepsis or anti-sepsis or anti-sepsis or steriliz\$ or steriliz\$ or steriliz\$ or melting or autoclav\$ or auto-clav\$ or "auto clav\$" or "elevated temperature" or "high temperature" or temperature) SAME (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or anti-septicis\$ or anti-septicis\$ or anti-septicis\$ or aseptis\$ or asepsis or antisepsis or anti-sepsis or | L21 AND (("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") SAME (process or method or procedure or manufacturing or making or mixing or stirring or synthesizing or creating or producing or preparing or formulating or developing or fabricating or administering or heating or sterilizing\$ or melting or autoclaving or auto-claving or "auto claving")) |
| 163  | 20  |
| 122  | 173   |

Search History 11/17/2005 3:10:44 PM Page 16 C:\Documents and Settings\dstitzel\My Documents\EAST\Workspaces\10808129\_Hildebrand\_Intrathecal Gabapentin.wsp

| ON 2005/11/17 10:47                 | ON 2005/11/17 12:33   |
|-------------------------------------|---|
| S S                                 | &<br>O  |
| US-PGPUB; CUSPAT; EPO; JPO; DERWENT | US-PGPUB; CUSPAT; EPO; JPO; DERWENT   |
| L20 OR L21 OR L22 OR L23 OR L24     | L14 AND (epidural\$ or intrathecal\$ or intra-thecal\$ or intracistern\$ or intra-cistern\$ or intra-cistem\$ or intra-cistem\$ or intra-cistem\$ or intra-cerebro\$ or intra-cerebro\$ or intra-cerebro\$ or intra-cerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intra-cerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or injected or injected or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$) with (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or backbone or rachis or lumbar or "spinal fluid" or cerebraspinal or "cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or arachnoid or subarachnoid or sub-arachnoid or brain or "dura matter" or "dura matter" or dura or "subdura\$" or "pia matter" or "intra-dura\$" or "pia matter" or "intra-dura\$" or "certral nervous system"))) |
| 173                                 | 557   |
| 125                                 | 77  |

| 213 L27 AND (((isotonic or isotonia) SAME ("spinal fluid" or "cerebraspinal fluid" or "cerebraspinal fluid" or "artificial spinal fluid" or "artificial cerebrospinal fluid") OR ((fluid\$ or liquid or aqueous or solution or suspension or | dispersion or water or saline or solvent or carrier or vehicle or excipient or adjuvant or diluent or dilutant) SAME (vertebrae or \$spinal or "spinal cord" or "spinal column" or "vertebral column" or hackbone or rachis or lumbar or | cerebraspinal or cerebrospinal or arachnoid or subarachnoid or brain or "dura matter" or dura or "subdura\$" or "sub-dura\$" or "intradura\$" or "intradura\$" or "intradura\$ or cistern\$ or "sub-dura\$" or "sub-dura\$" or "intradura\$ or cistern\$ or "sub-dura\$" or "pia matter" |
|--|--|--|
| or "cerebras"  "artificial sp fluid" or "ar  | dispersion of vehicle or e dilutant) SA "spinal cord column" or  | cerebraspin<br>subarachno<br>mater" or "c<br>"sub-dura\$"<br>mater" or "p  |
| 7  |  |  |

| 2005/11/17 12:35  |   |
|---|---|
| S C C C C C C C C C C C C C C C C C C C   |   |
| K   | 0   |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | cal Gabapentin.wsp  |
| L29 D29 L28 AND (osmolarity or osmotic or osmolyte or osmolytic or osmoregulats or osmoadusts or osmoothic or somoregulats or osmoadusts or osmocroforms or "mOsms" or thonicity or tonicitier or electrolyte or electrolyte or electrolyte or electrolyte or electrolyte or electrolyte or since or "salt solution" or "saline solution" or "solution" or "cystalioid solution" or (tosmolarity or osmotic or osmodusts or osmoothic or osmoregulats or osmoadusts or osmoothic or or since or osmoothic or or osmoothic or since or osmoothic or or operation or since or osmoothic or or operation or since or or electrolyte or electrolyte or electrolyte or electrolyte or electrolyte or or electrolyte or | C:\Documents and Settings\dstitte\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| 209<br>07 11/17/200   | nts and setting:  |
| l 29  | /Documer  |

| 2005/11/17 12:37   |
|--|
| Z<br>O   |
| č  |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT  |
| 2.29 AND (buffer or buffering or "buffering agent" or "pH buffer" or carbonate or "sodium carbonate" or bicarbonate or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or "inorganic phosphate" or "sodium phosphate" or "inorganic phosphate" or "organic phosphate" or "inorganic phosphate" or "organic phosphate" or alkaliz\$ or alkaliniz\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ or alkalinis\$ agent" or "alkalinis\$ agent" or "alkalinis\$ agent" or "alkalinis\$ agent" or "acidify\$ agent" or "acidify\$ agent" or "bh buffer or buffering or "buffering agent" or "ph buffer" or osmolarity or osmotic or osmoregulat\$ or osmoadust\$ or osmoconform\$) with (alkaline or alkali or alkalic or alkalinity or "sodium hydroxide" or "sodium acetate" or broate or "sodium acetate" or lactate or "sodium acetate" or acetate or "sodium acetate" or osmoconform\$) with (acid or acidic or acidify\$ or acidify or acidify or acidify or acidify or acidify or acidify or acidification or "hydrochloric acid" or acetic or boric or citric or lactic or phosphoric or hydrochloric)) |
| 703  |
|  |

| 131 | 192 |  | US-PGPUB;<br>USPAT;<br>EPO; JPO;            | OR     | NO     | 2005/11/17 12:38 |
|-----|-----|--|---|--------|--------|------------------|
|     |     | septics or aseptics or aseptizs or aseptiss or asepsis or antisepsis or anti-sepsis or aseptifs or sanitizs or antisepsis or anti-sepsis or aseptifs or sanitizs or sanitizs or sanitizs or sterilizs or sterilizs or sterilizs or melting or melt or melted or melting or autoclavs or auto-clavs or "auto clavs" or "elevated temperature" or "high temperature" or temperature) SAME (antiseptics or anti-septics or antisepticizs or anti-septicizs or anti-septicizs or anti-septicizs or anti-septicizs or aseptics or aseptics or antisepsis or anti-sepsis or antisepsis or anti-sepsis or aseptifs or sanitizs or sanitizs or sanitizs or sanitizs or sterilis or sterilizs or sterilize or ster | DEKWENI                                     |        |        |                  |
| L32 | 21  | L30 AND (("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid") SAME (process or method or procedure or manufacturing or making or mixing or stirring or synthesizing or creating or producing or preparing or formulating or developing or fabricating or administering or heating or sterilizing\$ or melting or autoclaving or "auto claving"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | &<br>S | N<br>O | 2005/11/17 12:40 |
| 135 | 213 | L28 OR L30 OR L31 OR L32   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR     | NO     | 2005/11/17 14:52 |

| L47 | 16 | ((drug or prodrug or pro-drug or medicament or medicine or medicated or | US-PGPUB; | S. | NO | 2005/11/17 15:05 |
|-----|----|---|-----------|----|----|------------------|
| _   |    | pharmaceutics or pharmacologics or therapeutics or                      | EPO; JPO; |    |    |                  |
|     |    | chemical or biologic\$ or biochem\$ or bioactive or                     | DERWENT   | •  |    |                  |
|     |    | nutraceutic\$ or antibiotic or anti-biotic or prebiotic                 |           | -  |    |                  |
|     |    | or pre-biotic or probiotic or pro-biotic or compound)                   |           |    |    |                  |
|     |    | AND ((epidural\$ or intrathecal\$ or intra-thecal\$ or                  |           |    |    |                  |
| _   |    | intracistern\$ or intra-cistern\$ or intracistem\$ or                   |           |    |    |                  |
|     |    | intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or                  |           |    |    |                  |
|     |    | intracerebro\$ or intra-cerebro\$ or                                    |           |    |    |                  |
| _   |    | intracerebraventricular\$ or intra-cerebraventricular\$                 |           |    |    |                  |
|     |    | or intracerebroventricular\$ or   |           |    |    |                  |
|     |    | intra-cerebroventricular\$ or intraparenchymal\$)                       |           |    |    |                  |
|     |    | SAME ("spinal fluid" or "cerebraspinal fluid" or                        |           |    |    |                  |
| •   |    | "cerebrospinal fluid" or "artificial spinal fluid" or                   |           |    |    |                  |
| _   |    | "artificial cerebraspinal fluid" or "artificial                         |           |    |    |                  |
|     |    | cerebrospinal fluid") SAME (isotonic\$)))                               | •         |    |    |                  |
| 151 | 4  |   | US-PGPUB; | OR | NO | 2005/11/17 15:08 |
| -   |    | fluid" or "cerebrospinal fluid" or "artificial spinal                   | USPAT;    |    |    |                  |
|     |    | fluid" or "artificial cerebraspinal fluid" or "artificial               | EPO; JPO; |    |    |                  |
|     |    | cerebrospinal fluid") SAME (isotonic\$))                                | DERWENT   |    |    |                  |

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| 1        | 1822 | (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE 3450" or "GOE-2450" or \$Neurontin\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | SO.                 | NO      | 2005/11/17 18:44 |
| 2        | 538  | (Midazolam or "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1 ,5-a][1,4]benzodiazepine" or \$benzodiazepine or Dormicum or Midazolam or Midosed or Rohipnol) AND (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl)cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE 2450" or "GOE 2450" or "GOE 2450" or "GOE 2450" or \$Neurontin\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | NO      | 2005/11/17 18:42 |
| ៗ        | 177  | (Midazolam or "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1 ,5-a][1,4]benzodiazepine" or \$benzodiazepine or Dormicum or Midazolam or Midosed or Rohipnol) SAME (gabapentin or "1-(aminomethyl)-cyclohexaneacetic acid" or "1-(aminomethyl)cyclohexaneacetic acid" or "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" or "GO 3450" or "GO-3450" or "GOE 2450" or "GOE 2450" or "GOE 2450" or \$Neurontin\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | NO      | 2005/11/17 17:48 |

| 14 | 136 | 136 (Midazolam or                                  | US-PGPUB; | æ | NO | 2005/11/17 17:55 |
|----|-----|--|-----------|---|----|------------------|
|    |     | "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1 | USPAT;    |   |    |                  |
|    |     | ,5-a][1,4]benzodiazepine" or \$benzodiazepine or   | EPO; JPO; |   |    |                  |
|    |     | Dormicum or Midazolam or Midosed or Rohipnol)      | DERWENT   |   |    |                  |
|    |     | WITH (gabapentin or                                |           |   |    |                  |
|    |     | "1-(aminomethyl)-cyclohexaneacetic acid" or        |           |   |    |                  |
|    |     | "1-(aminomethyl)cyclohexaneacetic acid" or         |           |   |    |                  |
|    |     | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945" |           |   |    |                  |
|    |     | or "CI-945" or "GO 3450" or "GO-3450" or "GOE      |           |   |    |                  |
|    |     | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"    |           |   |    |                  |
|    |     | or \$Neurontin\$)                                  |           |   |    |                  |

| 5            | 52 | (((Midazolam or  | US-PGPUB; | æ           | NO | 2005/11/17 17:51 |
|--------------|----|--|-----------|-------------|----|------------------|
|              |    | "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1                 | USPAT;    |             |    | •                |
|              |    | ,5-a][1,4]benzodiazepine" or \$benzodiazepine or                   | EPO; JPO; |             |    |                  |
|              |    | Dormicum or Midazolam or Midosed or Rohipnol).TI. OR (Midazolam or | DERWENT   |             |    |                  |
|              |    | "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1                 |           |             |    |                  |
|              |    | ,5-a][1,4]benzodiazepine" or \$benzodiazepine or                   |           |             |    |                  |
|              |    | Dormicum or Midazolam or Midosed or Rohipnol).                     |           |             |    |                  |
| <del>-</del> |    | AB. OR (Midazolam or   |           |             |    |                  |
|              |    | "8-chloro-6-(2-fluorophenyl)-1-methyl-4H-Imidazo[1                 |           |             |    |                  |
|              |    | ,5-a][1,4]benzodiazepine" or \$benzodiazepine or                   |           |             |    |                  |
| _            |    | Dormicum or Midazolam or Midosed or Rohipnol).                     |           |             |    |                  |
|              |    | CLM.) AND ((gabapentin or  |           | <del></del> |    |                  |
|              |    | "1-(aminomethyl)-cyclohexaneacetic acid" or                        |           |             |    |                  |
| -            |    | "1-(aminomethyl)cyclohexaneacetic acid" or                         |           |             |    |                  |
|              |    |  |           |             |    |                  |
|              |    | or "CI-945" or "GO 3450" or "GO-3450" or "GOE                      |           |             |    |                  |
| -            |    | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"                    |           |             |    |                  |
|              |    | or \$Neurontin\$).TI. OR (gabapentin or                            |           |             |    |                  |
|              |    | "1-(aminomethyl)-cyclohexaneacetic acid" or                        |           |             |    |                  |
|              |    | "1-(aminomethyl)cyclohexaneacetic acid" or                         |           | - 4         |    |                  |
|              |    | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945"                 | -         |             |    |                  |
|              |    | or "CI-945" or "GO 3450" or "GO-3450" or "GOE                      |           | ****        |    |                  |
|              |    | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"                    |           |             |    |                  |
|              |    | or \$Neurontin\$).AB. OR (gabapentin or                            |           |             |    |                  |
|              |    | "1-(aminomethyl)-cyclohexaneacetic acid" or                        |           |             |    |                  |
| <del></del>  | -  | "1-(aminomethyl)cyclohexaneacetic acid" or                         |           |             |    |                  |
| 2.5          |    | "1-aminomethyl-cyclohexaneacetic acid" or "CI 945"                 |           | -           |    |                  |
|              |    | or "CI-945" or "GO 3450" or "GO-3450" or "GOE                      | ,         |             | _  |                  |
|              |    | 3450" or "GOE-3450" or "GOE 2450" or "GOE-2450"                    |           |             |    |                  |
|              |    | or \$Neurontin\$).CLM.))   |           |             |    |                  |

| 97 | 538 | L2 OR L3 OR L4 OR L5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | SO. | NO | 2005/11/17 17:55 |
|----|-----|--|---|-----|----|------------------|
| 77 | 468 | L6 AND (\$parenteral\$ or \$parenteral or parenteral\$ or epidural\$ or intrathecal\$ or intra-thecal\$ or intra-cistem\$ or intra-cistem\$ or intra-cistem\$ or intra-cerebra\$ or intra-cerebra\$ or intra-cerebra\$ or intra-cerebra\$ or intra-cerebros or intra-cerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intracerebroventricular\$ or intra-cerebroventricular\$ or intra-cerebroventricular\$ or injected or injected or injection or injectable or \$fusion or deliver\$ or administ\$ or punctur\$ or \$parenteral\$ or \$parenteral\$ or \$parenteral\$ or \$spinal column" or backbone or rachis or lumbar or "spinal fluid" or cerebraspinal or "cerebraspinal fluid" or cerebrospinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebraspinal fluid" or cerebrospinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebraspinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal fluid or sub-arachnoid or sub-arachnoid or sub-arachnoid or sub-arachnoid or sub-arachnoid or citeration or "cerebrospinal fluid or cerebr | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR  | S  | 2005/11/17 18:44 |

| 2005/11/17 18:45   |  |                                      |   |                                 |   |  |  |  |   |  |  |   |   |  | -   |   |   |                             |
|--|--|--------------------------------------|---|---------------------------------|---|--|--|--|---|--|--|---|---|--|---|---|---|-----------------------------|
| NO   |  |                                      | <u>-</u>  |                                 | -   |  |  |  |   |  |  |   |   |  |   |   |   |                             |
| OR   |  |                                      |   |                                 |   |  |  |  |   |  |  |   |   |  |   |   |   |                             |
| US-PGPUB;<br>USPAT:  | EPO; JPO;  | DERWENT                              |   |                                 |   |  |  |  |   |  |  |   |   |  |   |   |   |                             |
| 8 L7 AND (epidurals or intrathecals or intra-thecals or intracisterns or intra-cisterns or intracistems or | intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or | intracerebro\$ or intra-cerebro\$ or | intracerebraventricular\$ or intra-cerebraventricular\$ | or intracerebroventricular\$ or | intra-cerebroventricular\$ or intraparenchymal\$ or | ((inject\$ or inject or injected or injection or | injectable or \$fusion or deliver\$ or administ\$ or | punctur\$ or \$parenteral\$ or \$parenteral or | parenteral\$) with (vertebrae or \$spine or \$spinal or | "spinal cord" or "spinal column" or "vertebral | column" or backbone or rachis or lumbar or "spinal | fluid" or cerebraspinal or "cerebraspinal fluid" or | cerebrospinal or "cerebrospinal fluid" or arachnoid | or subarachnoid or sub-arachnoid or brain or "dura | mater" or "dura matter" or dura or "subdura\$" or | "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia | mater" or "pia matter" or meninge\$ or cistern\$ or | "central nervous system"))) |
| 388  |  |                                      |   |                                 |   |  |  |  |   |  |  | -   |   |  |   |   |   |                             |
| R3   |  |                                      |   |                                 |   |  |  |  |   |  |  |   |   |  |   |   |   |                             |

| 2005/11/17 18:47  |   |   |  |  |  |   |   |   |   |                             |
|---|---|---|--|--|--|---|---|---|---|-----------------------------|
| NO  |   |   |  |  |  |   |   |   |   |                             |
| S<br>S  |   |   | -  |  |  |   |   |   |   |                             |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;  | DERWENT   |   |  |  |  |   |   |   |   |                             |
| 312 L8 AND (((isotonic or isotonia) SAME ("spinal fluid" or "cerebraspinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal | fluid" or "artificial cerebrospinal fluid")) OR ((fluid\$ or liquid or aqueous or solution or suspension or | dispersion or water or saline or solvent or carrier or vehicle or excipient or adjuvant or diluent or | dilutant) SAME (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or "vertebral | column" or backbone or rachis or lumbar or | cerebraspinal or cerebrospinal or arachnoid or | subarachnoid or sub-arachnoid or brain or "dura | mater" or "dura matter" or dura or "subdura\$" or | "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia | mater" or "pia matter" or meninge\$ or cistern\$ or | "central nervous system"))) |
| 312   |   |   |  |  |  |   |   |   |   |                             |
| 67  |   |   |  |  | _  |   |   |   |   |                             |

| 2005/11/17 18:47  |  |
|---|--|
| NO .  |  |
| R   |  |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | cal Gabapentin.ws  |
| L9 AND (osmolarity or osmotic or osmolyte or osmoregulat\$ or osmoredust\$ or osmoregulat\$ or osmoadust\$ or osmorornn\$ or "mOsm\$" or tonicity or tonicifier or or electrolyte or electrolytic or hypertonic or saline or "saline solution" or "solution" or "solution" or "colution" or "solution" or "cosmoregulat\$ or osmolyte or osmoropulat\$ or osmotyte or osmoconform\$ or electrolyte or osmootyte or osmoconform\$ or electrolyte or osmootyte or osmoconform\$ or electrolyte or osmootyte or isonor or anion or salt or water or aqueous or solution or fluid or fluidic or saline or "physiological saline" or "salt solution" or "saline solution" or "solution or fluid or fluidic or saline or "physiological saline" or "salt solution" or "saline solution" or "cystalloid solution" or "UW-Flush" or "Ringer\$ Lactate" "Lactated Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs Solution" or "contact lens solution" or "contact solution" or "contact lens solution" or carbohydrate or broate or phosphate or bicarbonate or sugar or mannose disaccharide or fructose or maltose or sucrose or polysaccharide or fructose or maltose or sucrose or polysaccharide or sugar or mannose disaccharide or sugar or sweeten\$ or electrose or fructose or fructose or lactose or mannose or lactose or glucose or mannose or lactose or glucose or mannose or lactose or mannose or lactose or glucose or mannose or lactose or glucose or glucose or mannose or lactose or glucose or glucose or mannose or lactose or glucose or g | Sugar substitute. or brazzein or curculin or erythritol or glycyrrhizin or glycerol or glycerin or glycerine or search History 11/17/2005 6:38:19 pgr lactical or mabinlin or maltitol or mannitol c.\Documents and Settings\defita\defit |
| 310   | tory 11/17/200<br>ents and Settings  |
| L10   | Search His<br>C:\Docum   |

| L11 | 304 | L10 AND (osmolarity or osmotic or osmolyte or            | US-PGPUB; | æ | NO | 2005/11/17 18:48 |
|-----|-----|--|-----------|---|----|------------------|
|     |     | osmolytic or osmoregulat\$ or osmoadust\$ or             | USPAT;    |   |    |                  |
|     |     | osmoconform\$ or "mOsm\$" or tonicity or tonicifier      | EPO; JPO; |   |    |                  |
|     | -   | or electrolyte or electrolytic or hypertonic or isotonic | DERWENT   |   |    |                  |
|     |     | or hypotonic or electrolyte or electrolytic or saline or |           |   |    |                  |
|     |     | "salt solution" or "saline solution" or "sodium          |           |   |    |                  |
|     |     | chloride solution" or "potassium chloride solution" or   |           |   |    |                  |
|     |     | "crystalloid solution" or ((osmolarity or osmotic or     |           |   |    |                  |
|     |     | osmolyte or osmolytic or osmoregulat\$ or                |           |   |    |                  |
|     |     | osmoadust\$ or osmoconform\$ or electrolyte or           |           |   |    |                  |
|     |     | electrolytic or hypertonic or isotonic or hypotonic)     |           |   |    |                  |
|     |     | with (ion or ionic or cation or anion or salt or water   |           |   | -  |                  |
|     |     | or aqueous or solution or fluid or fluidic or saline or  |           |   | -  |                  |
|     |     | "physiological saline" or "salt solution" or "saline     |           |   |    |                  |
|     |     | solution" or "sodium chloride" or "potassium             |           |   |    |                  |
|     |     | chloride" or "crystalloid solution" or "UW-Flush" or     |           |   |    |                  |
| _   |     | "Ringer\$ Lactate" "Lactated Ringer\$ Solution" or       |           |   |    |                  |
|     |     | "Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs     |           |   | _  |                  |
|     |     | Ringer" or "Krebs Solution" or "Krebs Henseleit" or      |           |   |    |                  |
|     |     | "contact solution" or "contact lens solution" or         |           |   |    |                  |
|     |     | chloride or citrate or ascorbate or borate or            |           |   |    |                  |
|     |     | phosphate or bicarbonate or sulfate or thiosulfate or    |           |   |    | •                |
|     |     | bisulfate)))   |           |   |    |                  |

| L11 AND (buffer or buffering or "buffering agent" or "pH buffer" or carbonate or "sodium carbonate" or | US-PGPUB;  | OR  | N<br>O                                      | 2005/11/17 18:49               |
|--|--|-----|---|--------------------------------|
| rbonate or "sodium bicarbonate" or phosphate   | EPO; JPO;  |     |   |                                |
| "sodium phosphate" or "inorganic phosphate" or<br>dium phosphate" or "potassium phosphate" or          | DERWENT  |     |   |                                |
| ganic phosphate" or diphosphate or triphosphate  |  |     |   |                                |
| acetate or \$diphosphoglycerate or<br>phosphoglycerate or alkaliz\$ or alkaliniz\$ or                  |  |     |   |                                |
| kalis\$ or alkalinis\$ or alkalify or basify or "alkaliz\$   |  |     |   |                                |
| gent" or "alkaliniz\$ agent" or "alkalis\$ agent" or   |  |     |   |                                |
| alkalinis\$ agent" or "alkalif\$ agent" or "basif\$  |  |     |   |                                |
| gent" or " acidify\$ agent" or " acidifi\$ agent" or   |  |     |   |                                |
| buffer or buffering or "buffering agent" or "pH  |  |     |   |                                |
| uffer" or osmolarity or osmotic or osmoregulat\$ or  |  |     |   |                                |
| smoadust\$ or osmoconform\$) with (alkaline or   |  | -   |   |                                |
| kali or alkalic or alkalinity or "sodium hydroxide" or   |  |     |   |                                |
| odium phosphate" or phosphate or "sodium   |  | ï   |   | •                              |
| orate" or borate or "sodium citrate" or citrate or   |  |     |   |                                |
| sodium acetate" or acetate or "sodium lactate" or  |  |     |   |                                |
| ctate or trishydroxymethylaminomethane)) or  |  |     |   |                                |
| (buffer or buffering or "buffering agent" or "pH   |  |     |   | -                              |
| uffer" or osmolarity or osmotic or osmoregulat\$ or  |  |     |   |                                |
| smoadust\$ or osmoconform\$) with (acid or acidic  |  | •   |   |                                |
| r acidify\$ or acidify or acidifying or acidifi\$ or   |  |     |   |                                |
| cidified or acidifies or acidification or "hydrochloric  |  |     |   |                                |
| cid" or acetic or boric or citric or lactic or   |  | , , |   |                                |
| hosphoric or hydrochloric)))   |  |     |   |                                |
|  | "pH buffer" or carbonate or "sodium carbonate" or bicarbonate or "sodium bicarbonate" or phosphate or "sodium phosphate" or "inorganic phosphate" phosphate" or alkalizate or alkalizate or alkalizate or alkalizate or alkalizate or alkalizate or "alkalizate or "alkalinizate" or "alkalizate or "alkalinizate" or "alkalinizate" or "alkalinizate" or "alkalinizate" or "alkalinizate" or "acidifate" or osmolarity or osmotic or osmoregulatate or alkali or alkalic or alkalinity or "sodium hydroxide" or alkali or alkalic or alkalinity or "sodium hydroxide" or "sodium phosphate" or phosphate or "sodium lactate or "sodium acetate" or borate or "sodium citrate" or citrate or "sodium acetate" or buffering or "buffering agent" or "ph buffer" or osmolarity or osmotic or osmoregulatate or acidifate or acidify or acidifying or acidifate |     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | USPAT;<br>EPO; JPO;<br>DERWENT |

| 2005/11/17 18:50  | 2005/11/17 18:50  |
|---|---|
| NO  | N<br>O  |
| 8   | SA<br>S   |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   |
| L11 AND ((autoclav\$ or auto-clav\$ or "auto clav\$") OR (antiseptic\$ or anti-septic\$ or anti-septiciz\$ or anti-septiciz\$ or anti-septicis\$ or aseptic; anti-septiciz\$ or antisepticis\$ or anti-septicis\$ or aseptic or antisepsis or anti-sepsis or aseptif\$ or sanitiz\$ or antisepsis or anti-sepsis or ateriliz\$ or steriliz\$ or steriliz\$ or steriliz\$ or steriliz\$ or melted or melting or autoclav\$ or auto-clav\$ or "auto clav\$" or "elevated temperature" or "high temperature" or temperature) SAME (antiseptic\$ or anti-septic\$ or antisepticiz\$ or anti-septiciz\$ or antiseptic\$ or aseptic\$ or aseptis\$ or asepsis or anti-septic\$ or anti-septicis\$ or anti-septicis\$ or anti-septic\$ or aseptic\$ or anti-septic\$ or aseptic\$ or aseptis\$ or anti-septic\$ or aseptis\$ or anti-septic\$ or steriliz\$ or s | L11 AND (("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebrospinal fluid")) |
| 599   | 223   |
| [13   | 114   |

| L15 | 294 | L11 AND (epilepsy or epileptic or epilepsies or           | US-PGPUB; | æ | NO | 2005/11/17 18:02 |  |
|-----|-----|---|-----------|---|----|------------------|--|
|     |     | seizure or seizing or seize or seized or antiseizure or   | EPO; JPO; |   |    |                  |  |
|     |     | anti-seizure or \$seizure or convuls\$ or convulsion or   | DERWENT   |   |    |                  |  |
|     |     | convulsant or anticonvulsant or anti-convulsant or        |           |   |    |                  |  |
|     |     | \$convuls\$ or tremor or spasm or spasmodic or            |           |   |    |                  |  |
|     |     | spastic or spasticity or spasm\$ or spastic\$ or twitch   |           |   |    |                  |  |
|     |     | or twitching or ((paroxysm\$) with (involuntary) with     |           |   |    |                  |  |
|     |     | (musc\$ or muscle or muscular or nerve or "central        |           |   |    |                  |  |
|     |     | nervous system" or neuromuscular or                       |           |   |    |                  |  |
|     |     | neuro-muscular or neurological) with (contract\$))        |           |   |    |                  |  |
|     |     | OR ((involuntary or uncontrol\$ or abnormal or            |           |   |    |                  |  |
|     |     | dysfunction\$) with (musc\$ or muscle or muscular or      |           |   |    |                  |  |
|     |     | nerve or "central nervous system" or neuromuscular        |           |   |    |                  |  |
|     |     | or neuro-muscular or neurological) with (convuls\$ or     |           |   |    |                  |  |
|     |     | \$convuls\$ or seiz\$ or \$seiz\$ or tremor or contract\$ |           |   |    |                  |  |
|     |     | or spasm\$ or spastic\$ or hyperactiv\$ or twitch\$ or    |           |   |    |                  |  |
|     |     | movement or hypertonic or hypertonia)) OR                 |           |   |    |                  |  |
|     |     | ((involuntary or uncontrol\$ or abnormal or               |           |   |    |                  |  |
|     |     | dysfunction\$) with (convuls\$ or \$convuls\$ or seiz\$   |           |   | -  |                  |  |
|     |     | or \$seiz\$ or tremor or contract\$ or spasm\$ or         |           |   |    |                  |  |
|     |     | spastic\$ or hyperactiv\$ or twitch\$ or movement or      |           |   |    |                  |  |
|     |     | hypertonic or hypertonia)) OR ((involuntary or            |           |   |    |                  |  |
|     |     | uncontrol\$ or abnormal or dysfunction\$) with            |           |   |    |                  |  |
|     |     | (musc\$ or muscle or muscular or nerve or "central        |           |   |    |                  |  |
| -   |     | nervous system" or neuromuscular or                       |           |   |    |                  |  |
|     |     | neuro-muscular or neurological)) OR ((musc\$ or           |           |   |    |                  |  |
|     |     | muscle or muscular or nerve or "central nervous           |           |   |    |                  |  |
|     |     | system" or neuromuscular or neuro-muscular or             |           |   |    |                  |  |
|     |     | neurological) with (convuls\$ or \$convuls\$ or seiz\$ or |           |   |    |                  |  |
|     |     | \$seiz\$ or tremor or contract\$ or spasm\$ or spastic\$  |           | - |    |                  |  |
|     |     | or hyperactivs or twitchs or movement or                  |           |   |    |                  |  |
| _   |     | nypertonic or nypertonia)))                               |           |   |    |                  |  |

Search History 11/17/2005 6:58:19 PM Page 11 C:\Documents and Settings\dstitzel\My Documents\EAST\Workspaces\10808129\_Hildebrand\_Intrathecal Gabapentin.wsp

| L16 | 304 | L11 OR L12 OR L13 OR L14 OR L15   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | SO.                                      | NO | 2005/11/17 18:03 |
|-----|-----|---|---|--|----|------------------|
| L18 | 147 | (("Valproate sodium" or "Valproate Na" or "sodium Valproate" or "Na Valproate" or (("2-propyl-pentanoic acid") adj4 (sodium)) or Acediprol or Convulex or Depacon or Depakene or Depakene or Depakene or Depakene or Depakin or Convulex or Depakine or ((Dipropylacetate) adj4 (sodium)) or Epilim or "KW 6066N" or "KW-6066N" or KW6066N or Orfiril or ((2-propylacetate) adj4 (sodium)) or ((2-propylacetate) adj4 (sodium)) or ((dipropylacetate) adj4 (sodium)) or ((valproate) adj4 (sodium)) or ((valproate) adj4 (sodium)) or ((valproate) adj4 (sodium)) or Valerin) OR ("2-propyl-acetic acid" or "2-Propylpentanoic acid" or "2-Propylvaleric acid" or "2-Propylpentanoic acid" or "2-propylvaleric acid" or "4-Heptanecarboxylic acid" or "dipropyl-acetic acid" or "NSC 93819" or "NSC-93819" or "NSC-945" or "GO 3450" or "GOE-2450" or "GOE-2450" or "GOE-2450" or "GOE-2450" or \$Neurontin\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | NO N | S  | 2005/11/17 18:44 |

| L19 | 116 | L18 AND (\$parenteral\$ or \$parenteral or parenteral\$ | US-PGPUB; | S. | NO | 2005/11/17 18:44 |
|-----|-----|---|-----------|----|----|------------------|
|     |     | or epidurals or intrathecals or intra-thecals or        | USPAT;    |    |    |                  |
|     |     | intracistern\$ or intra-cistern\$ or intracistem\$ or   | EPO; JPO; |    |    |                  |
|     |     | intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or  | DERWENT   | •  |    |                  |
|     |     | intracerebro\$ or intra-cerebro\$ or                    |           |    |    |                  |
|     |     | intracerebraventricular\$ or intra-cerebraventricular\$ |           |    | -  |                  |
|     |     | or intracerebroventricular\$ or                         |           |    |    |                  |
|     |     | intra-cerebroventricular\$ or intraparenchymal\$ or     |           | •  |    |                  |
|     |     | ((inject\$ or inject or injected or injection or        |           |    |    |                  |
|     |     | injectable or \$fusion or deliver\$ or administ\$ or    |           |    |    |                  |
|     |     | punctur\$ or \$parenteral\$ or \$parenteral or          |           |    |    |                  |
|     |     | parenteral\$) with (vertebrae or \$spine or \$spinal or |           |    |    |                  |
|     |     | "spinal cord" or "spinal column" or "vertebral          |           | •  |    |                  |
|     |     | column" or backbone or rachis or lumbar or "spinal      |           |    |    |                  |
|     |     | fluid" or cerebraspinal or "cerebraspinal fluid" or     |           |    |    |                  |
|     |     | cerebrospinal or "cerebrospinal fluid" or arachnoid     | •         |    |    |                  |
|     |     | or subarachnoid or sub-arachnoid or brain or "dura      | -         |    |    |                  |
|     |     | mater" or "dura matter" or dura or "subdura\$" or       |           |    | -  |                  |
|     |     | "Sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia |           |    |    |                  |
|     |     | mater" or "pia matter" or meninge\$ or cistern\$ or     |           |    |    |                  |
|     |     | "central nervous system")))                             | _         |    |    |                  |

| L20 | 85  | L19 AND (epidurals or intrathecals or intra-thecals or intracisterns or intracisterns or intracisterns or | US-PGPUB; | 怒  | N<br>O         | 2005/11/17 18:50 |
|-----|-----|---|-----------|----|----------------|------------------|
|     |     | intra-cistem\$ or intracerebra\$ or intra-cerebra\$ or  | EPO; JPO; | _, |                |                  |
|     |     | intracerebro\$ or intra-cerebro\$ or  | DERWENT   |    |                |                  |
|     |     | Intracerebraventricular\$ or intra-cerebraventricular\$<br>  or intracerebroventricular\$ or              |           |    |                |                  |
|     |     | intra-cerebroventricular\$ or intraparenchymal\$ or   |           |    |                |                  |
|     |     | ((inject\$ or inject or injected or injection or  |           |    |                |                  |
|     |     | injectable or \$fusion or deliver\$ or administ\$ or  |           |    |                |                  |
|     |     | punctur\$ or \$parenteral\$ or \$parenteral or  |           |    |                |                  |
|     |     | parenteral\$) with (vertebrae or \$spine or \$spinal or   |           |    |                |                  |
|     |     | "spinal cord" or "spinal column" or "vertebral  |           |    |                |                  |
|     |     | column" or backbone or rachis or lumbar or "spinal  |           |    |                |                  |
|     |     | fluid" or cerebraspinal or "cerebraspinal fluid" or   |           |    |                |                  |
|     |     | cerebrospinal or "cerebrospinal fluid" or arachnoid   |           |    | 78             |                  |
|     |     | or subarachnoid or sub-arachnoid or brain or "dura  |           |    |                |                  |
|     |     | mater" or "dura matter" or dura or "subdura\$" or   |           |    |                |                  |
|     |     | "sub-dura\$" or "intradura\$" or "intra-dura\$" or "pia   | •         |    | ****           |                  |
|     |     | mater" or "pia matter" or meninge\$ or cistern\$ or   |           |    |                |                  |
|     |     | "central nervous system")))   |           |    |                |                  |
| 121 | 116 | L19 OR L20  | US-PGPUB; | R  | N <sub>O</sub> | 2005/11/17 18:46 |
|     |     |   | USPAT;    |    |                | •                |
|     |     |   | EPO; JPO; |    |                |                  |
|     |     |   | DERWENT   |    |                |                  |

| fluid" or USPAT; fluid" or USPAT; spinal spinal or carrier or tor bral or ura\$" or uta\$" or stern\$ or   |
|--|
| or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial spinal fluid" or "artificial cerebrospinal fluid" or "artificial cerebrospinal fluid" or "artificial cerebrospinal fluid") OR ((fluid\$ or liquid or aqueous or solution or suspension or dispersion or water or saline or solvent or carrier or vehicle or excipient or adjuvant or diluent or dilutant) SAME (vertebrae or \$spine or \$spinal or "spinal cord" or "spinal column" or backbone or rachis or lumbar or cerebraspinal or cerebrospinal or arachnoid or sub-arachnoid or brain or "dura mater" or "dura matter" or "dura or "subdura\$" or "sub-dura\$" or "sub-dura\$" or "sub-dura\$" or "pia matter" or "pia matter" or meninge\$ or cistern\$ or "central nervous system"))) |
| CC   |
|  |

| 124 | 82             |  | US-PGPUB; | OR  | NO | 2005/11/17 18:48 |
|-----|----------------|--|-----------|-----|----|------------------|
|     |                | osmolytic or osmoregulat\$ or osmoadust\$ or             | USPAT;    |     |    |                  |
|     |                | osmoconform\$ or "mOsm\$" or tonicity or tonicitier      | EPO; JPO; |     |    |                  |
|     |                | or electrolyte or electrolytic or hypertonic or isotonic | DERWENT   |     |    | -                |
|     |                | or hypotonic or electrolyte or electrolytic or saline or |           |     |    |                  |
|     |                | "salt solution" or "saline solution" or "sodium          | _         | - " |    |                  |
|     |                | chloride solution" or "potassium chloride solution" or   |           |     |    |                  |
|     |                | "crystalloid solution" or ((osmolarity or osmotic or     |           |     |    |                  |
|     |                | osmolyte or osmolytic or osmoregulat\$ or                |           |     |    | -                |
|     |                | osmoadust\$ or osmoconform\$ or electrolyte or           | •         |     | •  |                  |
|     |                | electrolytic or hypertonic or isotonic or hypotonic)     |           |     |    |                  |
|     |                | with (ion or ionic or cation or anion or salt or water   |           | •   |    |                  |
|     |                | or aqueous or solution or fluid or fluidic or saline or  |           |     |    |                  |
|     |                | "physiological saline" or "salt solution" or "saline     |           |     |    |                  |
|     | — <del>,</del> | solution" or "sodium chloride" or "potassium             |           |     |    |                  |
|     |                | chloride" or "crystalloid solution" or "UW-Flush" or     |           |     |    |                  |
|     |                | "Ringer\$ Lactate" "Lactated Ringer\$ Solution" or       |           |     |    |                  |
|     |                | "Ringer\$ Solution" or "Krebs Bicarbonate" or "Krebs     |           |     |    |                  |
|     |                | Ringer" or "Krebs Solution" or "Krebs Henseleit" or      |           |     |    |                  |
|     |                | "contact solution" or "contact lens solution" or         |           |     |    |                  |
|     | -              | chloride or citrate or ascorbate or borate or            |           |     |    |                  |
|     | -              | phosphate or bicarbonate or sulfate or thiosulfate or    |           |     |    |                  |
|     |                | bisulfate)))   |           |     |    |                  |

|              | L21 AND (buffer or buffering or "buffering agent" or "bH buffer" or carbonate or "sodium carbonate" or | US-PGPUB; | OR  | NO | 2005/11/17 18:49 |
|--------------|--|-----------|-----|----|------------------|
| bicarbonate  | bicarbonate or "sodium bicarbonate" or phosphate   | EPO; JPO; |     |    |                  |
| "sodium ph   | "sodium phosphate" or "potassium phosphate" or   | DEKWEN    |     |    |                  |
| "organic pt  | "organic phosphate" or diphosphate or triphosphate   |           |     |    |                  |
| \$phosphoc   | \$phosphoglycerate or alkaliz\$ or alkaliniz\$ or  |           |     |    |                  |
| alkalis\$ or | alkalis\$ or alkalinis\$ or alkalify or basify or "alkaliz\$   |           |     |    |                  |
| agent" or    | agent" or "alkaliniz\$ agent" or "alkalis\$ agent" or  |           |     |    |                  |
| "alkalinis   |  |           |     |    |                  |
| agent" or    | agent" or " acidify\$ agent" or " acidifi\$ agent" or  |           |     |    | -                |
| ((buffer o   | ((buffer or buffering or "buffering agent" or "pH  |           |     |    |                  |
| buffer" or   | buffer" or osmolarity or osmotic or osmoregulat\$ or   | -         |     |    |                  |
| osmoadus     | osmoadust\$ or osmoconform\$) with (alkaline or  |           |     | •  |                  |
| alkali or a  | alkali or alkalic or alkalinity or "sodium hydroxide" or   | -         |     |    |                  |
| 'sodium p    | "sodium phosphate" or phosphate or "sodium   |           |     |    | -                |
| orate" o     | borate" or borate or "sodium citrate" or citrate or  | - ,       |     |    |                  |
| sodium.      | "sodium acetate" or acetate or "sodium lactate" or   |           |     |    |                  |
| actate or    | lactate or trishydroxymethylaminomethane)) or  |           |     |    |                  |
| (poutfer o   | ((buffer or buffering or "buffering agent" or "pH  |           |     |    |                  |
| onffer" o    | buffer" or osmolarity or osmotic or osmoregulat\$ or   |           |     |    |                  |
| smoadu       | osmoadust\$ or osmoconform\$) with (acid or acidic   |           |     |    |                  |
| or acidify   | or acidify\$ or acidify or acidifying or acidifi\$ or  | -         |     |    |                  |
| acidified    | acidified or acidifies or acidification or "hydrochloric   |           | #+b |    |                  |
| acid" or a   | acid" or acetic or boric or citric or lactic or  |           | •   |    |                  |
| ohospho      | phosphoric or hydrochloric)))  |           |     |    |                  |

| L21 AND ((autoclav\$ or auto-clav\$ or "auto clav\$") OR (antiseptic\$ or anti-septic\$ or anti-septicis\$ or anti-septicis\$ or anti-septicis\$ or anti-septic\$ or antisepsis or anti-septic\$ or antiseptic\$ or antiseptic\$ or anti-septic\$ or anti-s | L21 AND (("spinal fluid" or "cerebraspinal fluid" or "cerebrospinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebraspinal fluid" or "artificial cerebraspinal fluid")  USPAT;  EPO; JPO;  Cerebrospinal fluid") |
|--|---|
| L21 AND ((autoo OR (antiseptic\$ anti-septicis\$ or septic or antisepsis or sanitis\$ or sterils or heated or anti-septicis\$ or septic or antisepsis or sanitis\$ or steril\$   | L21 AND (("spinal flu" cerebrospinal fluid" artificial cerebraspinal fluid")  |
| 107  | 14  |
| 126  | 127   |

۔ } د

| 2005/11/17 18:51  | 2005/11/17 18:51                                 |
|---|--|
| NO NO   | NO   |
| R   | OR   |
| US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT      |
| L21 AND (epidural\$ or intrathecal\$ or intra-thecal\$ or intracistem\$ or intra-cistem\$ or intra-cistem\$ or intra-cistem\$ or intra-cerebra\$ or intra-cerebra\$ or intra-cerebra\$ or intra-cerebro\$ or intra-cerebro\$ or intra-cerebroventricular\$ or injected or sparenteral\$ or sparenteral\$ or sparenteral\$ or sparenteral\$ or sparenteral\$ or sparenteral\$ or "spinal column" or backbone or rachis or lumbar or "spinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or cerebrospinal or "cerebrospinal fluid" or subarachnoid or sub-arachnoid or brain or "dura matter" or "dura matter" or "utra-dura\$" or "sub-dura\$" or "intra-dura\$" or "pia mater" or "pia matter" or "intra-dura\$" or "pia mater" or "pia matter" or meninge\$ or cistern\$ or "central nervous system"))) | 16 L21 OR L22 OR L24 OR L25 OR L26 OR L27 OR L28 |
| <b>∞</b>  | 116  |
| 178   | 1.29   |